

WHAT IS CLAIMED IS:

1. An electronic apparatus comprising:

a main unit:

5 a display housing supported by the main unit, the display housing including a supporting wall and an upper wall;

a display panel contained in the display housing, the display panel having a back surface facing to the supporting wall of the display housing;

10 a radio communication antenna board contained in the display housing and interposed between the back surface of the display panel and the supporting wall, the antenna board having an antenna portion which projects outside the display housing and pierces
15 through the upper wall; and

a nonconductive cover attached to the upper wall of the display housing and covering the antenna portion of the antenna board.

20 2. The electronic apparatus according to claim 1, wherein the upper wall has a depressed portion depressed inside the display housing, the depressed portion has a bottom in which a through hole is formed, and the antenna board passes through the through hole.

25 3. The electronic apparatus according to claim 2, wherein the display housing includes a metal display cover having the upper wall and the supporting wall, and a nonconductive display mask covering the display

panel located between the display cover and the display mask, the depressed portion is formed in the display cover, and the antenna portion of the antenna board is located in a region surrounded by the display mask and the nonconductive cover.

4. The electronic apparatus according to claim 1, wherein the nonconductive cover has a first wall connecting with the supporting wall, and a second wall connecting with the upper wall.

5. The electronic apparatus according to claim 3, wherein the antenna board has a ground portion, and the ground portion is located between the supporting wall and the back surface of the display panel.

6. The electronic apparatus according to claim 5, wherein the antenna board has a cable which is electrically connected to the antenna portion and the ground portion, and the cable is guided from the region surrounded by the display mask and the nonconductive cover into the display housing through the through hole.

7. The electronic apparatus according to claim 5, wherein the ground portion of the antenna board is apart from the supporting wall.

8. The electronic apparatus according to claim 1, wherein the display housing is rotatable between a closed position in which the display housing lies on the main unit, and an opened position in which the

display housing rises from the main unit, and the antenna board is located on an upper end of the display housing when the display housing is rotated to the opened position.

5 9. The electronic apparatus component comprising:
a main unit;

a display cover supported by the main unit, the display cover having a supporting wall and an upper wall in which a through hole is formed;

10 a display panel supported by the supporting wall of the display cover, the display panel having an upper end portion opposed to the upper wall and a screen located on a side reverse to a side facing the supporting wall;

15 a display mask attached to the display cover, the display mask covering the display panel in cooperation with the display cover and having an opening which exposes the screen;

20 a nonconductive cover attached to the upper wall of the display cover, the nonconductive cover forming a containing chamber, to which the through hole is opened, together with the upper wall and the display mask; and

25 a radio communication antenna board contained in the display cover, the antenna board having at one end an antenna portion, the antenna portion projecting to the containing chamber through the through hole.

10. The electronic apparatus according to claim 9, wherein the display cover is formed of metal, the display mask and the nonconductive cover are formed of synthetic resin.

5 11. The electronic apparatus according to claim 10, wherein the antenna board has a ground portion, and the ground portion is located between the supporting wall and the display panel.

10 12. The electronic apparatus according to claim 11, wherein the ground portion of the antenna board is apart from the supporting wall.

15 13. The electronic apparatus according to claim 9, wherein the antenna board has a cable which is electrically connected to the antenna portion and the ground portion, and the cable is guided from the containing chamber into the display cover through the through hole.

20 14. An electronic apparatus comprising:
a first housing;
a second housing supported by the first housing;
a display panel contained in the second housing
and having a screen; and

a radio communication antenna board contained in the second housing,

25 wherein the second housing comprises:

a display cover including a supporting wall which supports the display panel and defines a first region

between the display cover and the display panel, an upper wall which is located above the display panel, and a depressed portion which is provided on the upper wall and has a through hole opened in the second housing;

a display mask attached to the display cover, the mask covering the display panel in cooperation with the display cover and having an opening which exposes the screen; and

a nonconductive cover which extends over the display cover and the display mask and covers the depressed portion, the cover defining a second region, to which the through hole is opened, between the cover and the display mask, and

the antenna board extends over the first region and the second region through the through hole, and has an antenna portion located in the second region.

15. The electronic apparatus according to claim 14, wherein the display cover is formed of metal, and the display mask and the nonconductive cover are formed of synthetic resin.

16. The electronic apparatus according to claim 15, wherein the antenna board has a ground portion, and the ground portion is located in the first region.

17. The electronic apparatus according to claim 14, wherein the second housing is rotatable

between a closed position in which the second housing
lies on the first housing and an opened position in
which the second housing rises from the first housing,
and the antenna board is located on an upper end of the
5 second housing when the second housing is rotated to
the opened position.